

In re Simesen et al.
Application No. 10/664,775

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AMENDMENTS TO THE SPECIFICATION

Please amend the specification as follows.

For sake of convenience, the paragraph numbering provided in the corresponding published application, US Patent Application Pub. No. 2004-0115776, is used herein to direct amendments to the specification.

Please replace paragraph [0068] with the following amended paragraph:

[0068] Subtractive PCR techniques have been used to identify genes which are expressed to high levels in Chinese Hamster (*Cricetulus griseus*) Ovary cells (CHO cells) (Puck, T. T. et al., 1958, "Genetics of somatic mammalian cells, III. Long-term cultivation of euploid cells from human and animal subjects". *J. Exp. Med.* 108:945-956; Kao F. T. and Puck T. T., 1968, "Genetics of somatic mammalian cells, VII. Induction and isolation of nutritional mutants in Chinese hamster cells". *Proc. Natl. Acad. Sci. USA* 60:1275-1281). One of the PCR products obtained by this assay, a 2.7 kb fragment was cloned from *EcoRV* digested CHO DNA (CHO cell line DG44) by use of DNA oligonucleotides CLC394 AAAACTGGGAACCATTTGTG (SEQ ID NO:9) and CLC56L CTGGAGAAGAGGGGACAG CLC56L CTGCAGAAGAGGGCGACAG (SEQ ID NO:10) and the PCR-Select kit (CLONTECH). CLC394L and CLC56L are complementary to the CHO cyclophilin cDNA sequence (GenBank Accession no. X17105).

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Please replace paragraph [0081] with the following amended paragraph:

[0081] CHO-K1 cells (ATCC CCL-61), cultured in growth medium (Dulbecco's modified Eagle's medium, 10% fetal calf serum, 100 IU penicillin and streptomycin, non-essential amino acids, and 5 mg/l vitamin K1), were transfected using a non-liposomal lipid transfection reagent, Fugene FuGENE™ 6 transfection reagent, as per manufacturer's instructions (Roche, Basel, Switzerland). Stable pools of transfectants were obtained by Hygromycin selection as per manufacturer's instructions (Invitrogen, Carlsbad, Calif.). FVII protein yields in the culture medium were determined by standard sandwich ELISA technique (Novo Nordisk), well known to persons skilled in the art.

Please replace paragraph [0084] with the following amended paragraph:

[0084] Chinese Hamster Ovary (CHO) DG44 cells maintained in MEM Alpha medium (Invitrogen, Cat # 22571) supplemented with 5% heat inactivated fetal bovine serum (Invitrogen), 108 mg/L L-proline (Sigma), and penicillin (100 units/ml)/streptomycin (100 µg/ml) (Invitrogen) at 37°C and 5% CO₂ were transfected using a polyamine transfection promoting agent, the GeneJammer® transfection agent (Stratagene), according to the manufactures instructions. Briefly, cells seeded in 6-well cell culture plates were approximately 40-50% confluent on the day of transfection and transfected with 2 µg of linearized plasmid DNA.